

Thursday, November 14

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### **Water Administration, Reallocation Tools, and Drought Management**

8:30 - 8:45 AM - *Welcome, Housekeeping, Introductions, Meeting Objectives* - Chair and Staff

8:45 - 9:20 - **Peter Marchi**, Chief Water Commissioner, *the Musselshell Water Distribution Project*

9:20 - 10:00 - **Mike Roberts**, Hydrologist, DNRC, *Water Management and Candidate Conservation Agreements*

10:00 - 10:15 BREAK

10:15 - 10:55 - **Jennifer Schoonen**, Blackfoot Challenge Water Steward, *Blackfoot Drought Response Plan*

10:55 - 11:35 - **Patrick Byorth**, Attorney, Trout Unlimited, *Instream Flow Leasing and Forbearance Agreements*

11:35 - 12:00 - *Discussion and Session Wrap-up* - BAC and Staff

12:00 - 1:00 LUNCH (on your own)

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### **Climate Science and Water Information Tools**

1:00 - 1:40 - **Chuck Dalby**, Hydrologist, DNRC, *Introduction to Climate Science and Policy Development in Other States*

1:40 - 2:20 - **Greg Pederson**, Climate Scientist, USGS, *Yellowstone River Basin Climate: Past, Present and Future*

2:20 - 2:35 BREAK

2:35 - 3:15 - **Troy Blandford**, Water Information System Manager, Montana State Library, *Montana's Water Information System*

3:15 - 3:55 - **Peter McCarthy**, Hydrologist, USGS, *StreamStats - an Internet-accessible hydrologic statistics application for hydrologists, engineers, and water right and water quality specialists*

3:55 - 4:35 - **Rusty Merritt**, President, Geospatial Solutions, Inc. - *Water Information Systems for Irrigation District Operations*

4:35 - 4:50 - *Discussion, Wrap-up, and Next Day's Preview* - BAC and Staff

5:00 PM - Adjourn

Friday, November 15

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### **Water Quality and Beneficial Use**

8:30 - 8:45 AM - *Welcome, Housekeeping, Introductions, Meeting Objectives* - Chair and Staff

8:45 - 9:20 - **Jill Frankforter**, Hydrologist, USGS, *Water Quality in the Yellowstone, a basin-wide perspective* (NAWQA, SPARROW, etc.)

9:20 - 10:00 - **Mark Ockey**, Water Quality Specialist, MT DEQ, *TMDLs and beneficial use criteria in the Yellowstone*

10:00 - 10:15 BREAK

10:15 - 10:55 - **Steve Sando** (invited), Hydrologist, USGS, *CBM monitoring results in the Tongue and Powder basins*

10:55 - 11:35 - **Jim Bauder**, Professor Emeritus, MSU Bozeman, *Water quality, soils and beneficial use in the Tongue and Powder basins*

11:35 - 12:00 - *Discussion and Session Wrap-up* - BAC and Staff

12:00 - 1:00 LUNCH (on your own)

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### **Reservoir Operations, Tribal Compacts, and the Hydrologic Effects of Present-Day Water Development**

1:00 - 1:30 - **Lenny Duberstein**, Chief Planner, USBR Montana Area Office, *Water Planning for Federal Reservoir Operations in the Bighorn Basin*

1:30 - 2:00 - **Clayton Jordan**, Engineer, USBR Montana Area Office, *Bighorn Reservoir Operations*

2:00 - 2:30 - **Doug Oellermann**, Engineer, USBR Great Plains Regional Office, *Status of the Crow Water Compact*

2:30 - 2:45 BREAK

2:45 - 3:15 - **Chris Murray**, Hydrologist, USBR Great Plains Regional Office, *Mo River Depletions Model*

3:15 - 3:45 - **Kathy Chase**, Hydrologist, USGS, *Results of Depletion Estimates in the Yellowstone*

3:45 - 4:05 - *Session Wrap-Up, Meeting Evaluation, Discussion, and Preview of Dec 13 meeting* - BAC and Staff

4:05 - Public Comments

4:30 PM - Adjourn